

SOV/152-59-1-8/31

14(5)
AUTHOR:

Donetskiy, V. N.

TITLE:

Exact and Approximate Calculations of the Flow to a Circular Battery of Wells (Tochnyy i priblizhenny raschet pritoka k kol'tsevoy batareye skvazhin)

PERIODICAL:

Izvestiya vysshikh uchebnykh zavedeniy. Neft' i gaz, 1959, Nr 1, pp 35-40 (USSR)

ABSTRACT:

The problem of interference of wells is usually solved on the assumption that the radii of wells are small. For practical calculations the method of filtration resistances developed by Yu. P. Borisov (Ref 1) has in recent times been very popular. This method is described in detail in the book (Ref 2). Here it is pointed out that for circular layers with other than small radii no theoretically exact and applicable formulas for the calculation of the productiveness of the well batteries is as yet available. In the present paper such formulas are derived and the applicability of the method of filtration resistances to cases in which the inner radius of the ring is commensurable with the outer radius is proved. The task described was carried out under the supervision of I. A. Charnyy.

Card 1/2

SOV/152-59-1-8/31

Exact and Approximate Calculations of the Flow to a Circular Battery of Wells

First the exact formula (7) for the productiveness of the well q is derived, then the formula (10) for the determination of q by the method of filtration resistances is obtained, the latter being an approximation formula. A comparison of the two formulas shows that the error incurred by the method of filtration resistances is always below 1%. There are 1 figure, 1 table, and 3 Soviet references.

ASSOCIATION: Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti im. akad. I. M. Gubkina (Moscow Institute of the Petroleum-chemical and Gas Industry imeni Academician I. M. Gubkin)

SUBMITTED: October 16, 1958

Card 2/2

CHARNY, I.A.; DONETSKIY, V.N.; CHEN' CHZHUN-SYAN

Equivalent saturation in the solution of problems on two-phase
flow. *Izv.vys.ucheb.zav.; neft' i gaz* 3 no.2:113-119 '60.
(MIRA 13:6)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti im. akad. I.M.Gubkina.
(Oil reservoir engineering)

DONETSKIY, V.N.

Problem of the fluid contact displacement in a two-phase fluid flow.
Trudy MINKHOP no.29:63-69 '60. (MIRA 13:12)
(Oil reservoir engineering)

DONETSKIY, V. N. Cand Tech Sci -- "Certain problems of ^{unsteady} ~~unsteady~~ filtration
of homogeneous and heterogeneous liquids." Mos, 1960 (State Economic Council
USSR "GLAVNII". All-Union Petroleum and Gas Sci Res Inst "VNII"). (KL, 4-61, 196)

190
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DONETSKIY, V.N.

Calculations of the displacement of fluid from a porous medium.
Izv.vys.ucheb.zav.; neft' i gaz 3 no.3:89-96 '60. (MIRA 14:10)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti
im. akademiika I.M.Gubkina.
(Oil reservoir engineering)

PA 18/49741

DONETSKIY, V. T.

USSR/Medicine - Anesthesia
Medicine - Procaine and Procaine Compounds

Nov 48

"Complications Due to Infiltrative Anesthesia of
'Sovkain' (Procain), " V. T. Donetskiy, Pogorel Bog
Roep, Rybinsk Rayon, 2 pp

"Khirurgiya" No 11

In 1939 Directorate of Chem and Phar Ind of
Karkovskiy USSR issued a leaflet on "Sovkain."
Author describes experience in using "Sovkain,"
giving two case histories. Describes complications
due to drug and maintains these were not mentioned
in leaflet. Editorial staff requested All-Union

18/49741

USSR/Medicine - Anesthesia (Contd) Nov 48

Sci Res Chem and Phar Inst imeni Ordzhonikidze,
under whose auspices pamphlet was issued, to
reply to Donetskiy's article. Institute points
out that leaflet states that sovkaïn is 30 times
as toxic as novocain and therefore it is obvious
that care must be exercised in its administration.

18/49741

BULGARIA/Chemical Technology. Pharmaceuticals. Vitamins.
Antibiotics.

H

Abs Jour: Ref Zhur-Klin., No 24, 1958, 82683.

Author : Stefanova, M., Ivanova, D., Donev, H., Koen, I.

Inst :

Title : The Relationship Between the Efficiency of an Active
Principle and the Method of Drying a Plant Raw Material.

Orig Pub: Sb. tr. Vissh. med. in-t-Plovdiv, 1955, (1957),
10, 165-172.

Abstract: The investigation for the determination of the opti-
mum condition for vacuum drying medicinal herb by
several laboratory methods in regard to the activity
of the active principle was carried out. The drawings
of the experimental set-up and a list of the results
from determinations and the pharmaceutical investiga-

Card : 1/2

COUNTRY : BULGARIA H
CATEGORY : Chemical Technology. Chemical Products and
Their Applications. Food Industry.
ABS. JOUR. : RZKhim., No. 23 1959, No. 83828
AUTHOR : Donev, I.
INST. : -
TITLE : Application of Ultrasound in the Food Industry
ORIG. PUB. : Khranit. prom-st, 1959, 8, 37-38
ABSTRACT : A review.

CARD: 1/1

DONEV, Iv., d-r

An international symposium on the labor hygiene at the working with
radioactive substances and sources of ionizing radiation. Priroda Bulg
11 no. 1:105-110 Ja-F 62.

DONEV, Iv.Ts.

Case of cardiac tumor. *Suvrem.med.*, Sofia 6 no.3:98-100 1955.

1. Iz Okruzhnata bolnitsa D-r Racho Angelov - Sofia (saveshdashch terapeutichnogo otelenie: Dim.Stefkov; glavni lekar:

Khr.Manchev)

(HEART, neoplasms,

myxoma)

(MYXOMA,

heart)

DONEV, Iv. Ts.

Case of rheumatic aortic aneurysm, Suvrem. med., Sofia 8 no.5:91-97 1957.

1. Is Okruzhnata bolnitsa--Sofia (Gl. lekar: Kh r. Manchev).
(RHEUMATIC HEART DISEASE, complications,
aortic aneurysm (Bul))
(AORTIC ANEURYSM, etiology and pathogenesis,
rheum. (Bul))

DONEV, Krum

Polyhybrids in cocoon production. Tekstilna prom 11 no.5:6-8 '62.

1. Vissh nelsko-stopanski institut "G. Dimitrov", Sofia.

DONEV, Kr.

Effect of heterosis in silkworm moths (*B. mori* L.), and possibilities of its utilization in cocoon production. Priroda Bulg .11 no.5:96-97 S-0 '62.

1. Vissh selskostopanski institut "G. Dimitrov" v Sofia.

DONEV, Krum; BUCHVAROV, Anton

Results from the spring feeding of hybrid silkworms, crossbreeds of the Bulgarian yellow and some Chinese and Japanese hybrid varieties. Tekstilna prom 12 no.1:5-7 '63.

DONEV, L.; GERASIMOV, M.

"Deacidification of acid petroleum asphalt by direct water steam."

TEKHIKA. Sofia, Bulgaria., Vol. 7, No. 8, 1958

Monthly list of EAST EUROPEAN ACCESSIONS (EEAI), LC, Vol. 8, No. 8, July 1959, Unclas

BOJADZHIEV, L.; DONEV, L.

The dry ice. Nauka i tekhn mladezh no.6:26-27 Je '57.

DOIEV, L., inzh., nauchn sputrudnik.

Vanadium. Nauka i tekhnolozhiya 14 no.12:28-29 '62.

1. Nauchnoissledovatel'skiy institut za khimicheskuyu promishlennost.

DONEV, L., inzh.

Plants and marked atoms. Nauka i tekhnolozhiya 15 no.12:13-15 D '63.

NIKOLOV, N.I.; DONEV, L.

Photometric method for the determination of polychloroterpenes.
Zhur.anal.khim. 18 no.4:532-536 Ap '63. (MIRA 16:6)

1. Scientific-Research Institute for Chemical Industry, Sofia,
Bulgaria.

(Terpenes) (Photometry)

DONEV, L.; NIKOLOV, N.

Determining pentachlorophenol in paint materials containing fungicides. Lakokras. mat. i ikh prim. no.3:60-61 '63. (MIRA 16:9)

1. Nauchno-issledovatel'skiy institut khimicheskoy promyshlennosti, Sofiya, Narodnaya Respublika Bolgarii.
(Phenol) (Fungicides) (Protective coatings)

NEKOLOV, N.I., d-r; DOBEV, L., inzh.

Methods in the analysis of chlorinated terpenes. Khim i industriia
35 no.2:61-64 '63.

DONEV, L., inzh.

Will the water be finished? Nauka i tekhnika mladezh 16 no.6:22-24
'64

DONEV, L., inzh., nauchn sputrudnik

The new world of plastics. Nauka i tekhnolozhiya 16 no.7/8:4-9
Jl-Ag '64

1. Scientific Research Institute for Chemical Industries.

DONEV, L.; NIKOLOV, N.I.

Some structural changes occurring in the course of an extensive chlorination of camphene and bornyl chloride. Zhur. prikl. khim. 38 no. 10:2363-2366 0 '65. (MIRA 18:12)

1. Nauchno-issledovatel'skiy institut khimicheskoy promyshlennosti, Sofiya, Bolgariya. Submitted Febr. 12, 1964.

NIKOLOV, N.I.; DONEV, L.D.

Relationships between the content of combined chlorine and certain properties of chlorinated terpenes. Zhur.prikl.khim. 38 no.3:612-617 Mr '65. (MIRA 18:11)

1. Nauchno-issledovatel'skiy inatitut khimicheskoy promyshlennosti, Bolgariya. Submitted Jan. 3, 1964.

DCNEV, METCBI

Visokochestotna telefonna tekhnika. [High-frequency telephone principles]. Sofia,
1945. 159 p. illus. DLC: TK6421.D6

50: Soviet Transportation and Communications, A Bibliography, Library of Congress,
Reference Department, Washington, 1952, Unclassified.

DONEV, Metoki

Electric measurements; low voltage current. Sofia, 1949. 228 p. (51-16884)

TK275.D6

DONEV, M.^Z, and others.

"Early Results of Treating Pulmonary Tuberculosis and Tuberculosis in the Upper Respiratory System with a Hydroacid of Isonicotinic Acid." p. 2, (ZDRAVEN FRONT, No. 46, Nov. 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (MEAL), LC, Vol. 4 No. 5, May 1955, Uncl.

DONEV, M.Z.; POPOV, Iord. St.

Treatment of pulmonary tuberculosis by extrapleural pneumonolysis.
Suvrem.med., Sofia 6 no.8:53-66 1955.

1. Is Dursh. sanatorium s. Iskrets (bivsh gl.lekar.: M.Z.Donev)
(COLLAPSE THERAPY,
pneumonolysis, extrapleural)

DOBEV, M.Z.

Surgical treatment of pulmonary tuberculosis. Suvrem. med.,
Sofia 7 no.12:8-21 1956.

1. Iz nauchnoissledovatel'skiiia institut po tuberkuloza - Sofia
(Direktor: T. Sharkov).
(TUBERCULOSIS, PULMONARY, surg.
(Bul))

DONEV, M., dots.; ATANASOV, Khr.; BOIADZHIEV, M.; BALEVSKI, M.; TODOROV, T.

Result of 405 pneumonectomies. Khirurgia, Sofia 14 no.2/3:160-162
'61.

(PNEUMONECTOMY statist)

DONEV, M., detent; MOLETA, O.; DIMITROVA, I.

On some pulmonary complications in hepatic echinococcosis.
Khirurgia (Sofia) 17 no.4:427-436 '64

DONEV, N.

DONEV, N.; PETROV, P. "Care in production of high-quality tobacco seedlings."
Kooperativno Zemedelie, Sofiya, Vol 9, No 1, 1954, p. 13

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

DONEV, N.G.

Biological, agrotechnical, and technochemical studies on the topping of tobacco flowers and its influence on the yield and quality of tobacco crops. Izv Inst tiutiun BAN 1:5-49 '61.

1. Chlen na Redaktsionnata kolegia, "Izvestiia na Tsentralnia nauchnoisledovatel'ski institut po tiutiuna, Plovdiv".

FETVADZHIEV, Vladimir; DONEV, Nikola; IANAKIEVA, El.

Some problems regarding the interrelations between the brand of oriental tobacco and water. Izv Inst tiutiun BAN 1:51-72 '61.

1. Chlen na Redaktsionnata kolegiia, "Izvestiia na Tsentralndia nauchnoissledovatel'ski institut po tiutiuna, Plovdiv" (for Donev and Fetvadzhiev).

DONEV, N. T.

~~NON-SURGICAL METHOD OF TISSUE THERAPY~~
Non-surgical method of tissue therapy. Suvrem. med., Sofia
7 no.1:82 1956.

1. Iz katedrata po farmakologija pri vmi i. P. Pavlov--Plovdiv.
(TISSUE THERAPY,
technic. (Bul))

DONEV, N.; VULKOV, T.

Effect of tissue preparations on certain ovarian dysfunctions and dysmenorrhea. Khirurgiia, Sofia 9 no.2:144-148 1956.

1. Vissh meditsinski institut I. P. Pavlov, Plovdiv. Institut po farmakologiya Vr. direktor: dots. P. Mironov. Klinika po akusherstva i ginekologii. Direktor: dots. L. Lambrev.

(DYSMENORRHEA, therapy,
tissue ther. (Bul))

(TISSUE THERAPY, in various diseases,
dysmenorrhea. (Bul))

DOBLEV, N.; IONKOV, St.

Gastric iontophoretic effect of histamine. Suvrem.med., Sofia 2
no.1:25-29 '60.

1. Iz Fizioterapevtichnogo otdelenie pri VMI "I.P.Pavlov" -
Plovdiv.

(HISTAMINE pharmacol.)
(STOMACH pharmacol.)
(IONTOPHORESIS)

DONEV, N.T.

Method of determining the effect of some pharmacological agents
on the motor reactions in animals. Biul. eksp. biol. i med. 54
no.8:116-117 Ag '62. (MIRA 17:11)

1. Iz khimiko-farmatsevticheskogo instituta (dir. L. Zhelyazkov),
Sofiya, Bolgariya. Predstavlena deystvitel'nym chlenom AMN SSSR
V.V. Parinym.

BULGARIA

P. PEYCHEV, I. KOEN, N. DONEV and Iv. MEDYALKOV, Chair of Pharmacology
(Katedra po farmakologiya) Head (rukovoditel) Docent P. PEYCHEV, and
Chair of Histology and Embryology (Katedra po histologiya i embriologiya)
Head Docent D. STANISHEV, Medical College, Plovdiv.

"Effect of Cheese on Intoxication with Sodium Arsenate and Tetrachlorome-
thane in Experimental Animals."

Sofia, Eksperimentalna Meditsina i Morfologiya, Vol 2, No 1, Jan-Mar
63; pp 32-38.

Abstract [English summary modified]: Study in mice, guinea pigs, rats
and dogs fed 1 of 2 types of cheese for 1 weeks then poisoned with Na
arsenate p.o. or CCl₄ s.c.: cheese type 83 contains casein and 4% curds
and had previously been found by authors to have "potent protective
effect in parathion poisoning*": this cheese significantly protected
from histopathologic changes, also increased hepatic glycogen in rats
and dogs. Two tables; 6 Soviet and 6 Bulgarian (incl. 1 unpublished*
and 1 thesis.)

1/1

BULGARIA

DALEVA, L., and DONEV, N., Scientific Research Chemicopharmaceutic Institute (Nauchno-izsledovatel'skiya Khimiko-farmatsevtichen Institut), ZHELYAZKOV, L., Director (Direktor).

"The Pharmacological Study of Certain Phenylbutamines."

Sofia, Ekspperimentalna Meditsina i Morfologiya, Vol 2, No 3, April-May-June 1963, pp 34-40.

Abstract: [Authors' English summary modified] Eleven phenylbutamine compounds, substituted in the third carbohydrate atom and containing two methyl or ethyl groups in the nitrogen atom, have been subjected to pharmacological investigation. These compounds have thus been established to be peripheral cholinolytics with comparatively little selective effect, extensive atropine-like effect, weaker ganglio-blocking effect, and even weaker curare-like effect of the intermediate variety. The authors attempt to find a link between the diversity of the chemical structure of the compounds and the quantitative and qualitative differences in their biological activity.

Two photographs, three tables, 12 recent references (four Bulgarian, two Soviet, six Western).

1/1

BULGARIA

L. DALEVA, N. DONEV, M. NIKOLOVA and I. NIKHAYLOVA, Chemical and Pharmaceutical Research Institute (Nauchno-izsledovatel'ski khimichko-farmatsevtichen institut) Director L. ZHELYAZKOV.

"Pharmacodynamics of Some Galanthamine Derivatives."

Sofia, Eksperimentalna Meditsina i Morfologiya, Vol 2, No 1, Jan-Mar 63; pp 38-46.

Abstract [English summary modified]: Pharmacologic and toxicity tests of galanthamine and 13 analogs in mice, rabbits, pigeons, anesthetized cats. All compounds were highly active, varying in potency on CNS, blood pressure, cholinesterase. Structural formulae, 5 kymograms; 7 Western, 4 Soviet and 3 Bulgarian references.

1/1

BULGARIA

L. DALEVA and N. DONEV, Pharmaceutical Scientific Research Institute
(Nauchno-izsledovatel'ski institut po farmatsiya), Director (direktor)
L. ZHELYAZKOV, Sofia.

"Pharmacology of Some Simple Synthetic Analogs of Galanthamine."

Sofia, Ekspperimentalna Meditsina i Morfologiya, Vol 2, No 2, Apr-Jun
1963; pp 48-54.

Abstract [English summary modified]: Structure-function studies of 14
derivatives of galanthamine: toxicology and pharmacology in mice,
rabbits, pigeons, cats, frogs muscles in vitro. Anticholinesterase
effects are weaker than in g. but other pharmacologic peoperties vary
both qualitatively and quantitatively with various derivatives without
a predictable pattern. Structures, 2 kymograms, 4 tables; 3 Bulgarian,
3 Soviet and 4 Western references.

1/1

DONEV, H.

On the pharmacological properties of glaucine. *Trud Khim-farmatsevt*
Inst. 22:103-104 '63.

MANOLOV, F.; DONEV, N.; DALEVA, L.

Spasmolytic function of some phenylbutylamines. Suvr. med.
(Sofia) 15 no.6:10-16 '64

DONEV, P.

"Local conferences on exchange of experiences."

p. 9 (Ratsionalizatsila) Vol. 7, no. 1, Jan. 1957
Sofia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

DONEV, P.

"The role of the intradepartmental financial control for the expansion of the rationalization work."

p. 3 (Ratsionalizatsiia) Vol. 7, no. 6, June 1957
Sofia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

~~DONEV, P.~~

"Conference on rationalizations in the coal industry."

p. 13 (Ratsionalizatsiia) Vol. 7, no. 9, Sept. 1957
Sofia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

DONEV, P.

Soviet experience aids us. Izobr. i rats. no. 11:37 N '61.
(MIRA 14:11)

1. Zaveduyushchiy proizvodstvenno-massovym otdelom Tsentral'nogo
komiteta profsoyuza rabochikh tyazheloy promyshlennosti i elektri-
fikatsii Bolgarskoy Narodnoy Respubliki.
(Bulgaria--Industry--Technological innovations)

GACHEV, B., inzh.; DONEV, P.

The complete 20kv. shunting installation. Ratsionalizatsia
no.5:24 '62.

DONEY, Pencho

On certain irregularities in collecting and spending the
Rationalization Fund. Radiopalizatsia no.10:4-7 '62.

PAPADOPOV, Nikola, inzh.; DONEV, Pencho

Why is the rationalization activity in the Kolarovgrad District
lagging? Ratsionalizatsia 13 no.6:13-16 '63.

DONEV, Pencho, sutrudnik

Let us strive for economy of electric energy. Rationalizatsiia 14
no.4:16 '64.

1. Institute of Inventions and Rationalization.

DONEV, Pencho

More attention to the remuneration of inventors and rationalizers.
Rationalization no. 11:13-16 '64.

1. Institute of Inventions and Rationalization.

DONEV, Pencho

Why the front-rankers are lagging behind. Ratsionalizatsia no.8:
14-16 '62.

DONEV, Petko, starshiy serzhant

"Satisfactory" does not satisfy us. Starsh.-serzh. no.5:32

My '62.

(MIRA 15:6)

(Bulgaria—Tanks (Military science))

DONEV, S.

Generalization of Engineer KOVALOV'S Method on the "MALCHIKA" Industrial
State Enterprise (Silk Spinning Mill) LEKA PROMISHLENOST (Light Industry)
4:30:April 55

DONEV, S.

Preparation for the spring sowing. p. 3.
(Mashinizirano Zemedelie, Vol. 8, no. 1, Jan. 1957, Bulgaria)

SO: Monthly List of East European Accessions(EEAL) LC, Vol. 6, no. 6, 1957, June. Uncl.

EXCERPTA MEDICA Sec.18 Vol.2/3 Cardiovascular Dis.Mar58

DONEV, TV. TS.

690. *A case of rheumatic aneurysm of the aorta (Bulgarian text).* DONEV Tv. Ts. District Hosp., Sofia *Sŭv. Med.* 1957, 5 (91—97) Graphs 1 Illus. 2

The author reports a 28-year-old woman with aortic insufficiency and with an aneurysm of rheumatic origin, localized in the ascending part of the aorta. (XVIII, 6, 14*)

KHRISTOV, Dimitur Iv.; DONEVA, Ruska V.

Influence of potassium permanganate on the respiration and glycolysis
in the tissues of chicken embryos. Godishnik biol 57 no.1:33-44
'62-'63 [publ. '64].

1. Chair of Physiology and Biochemistry of Animals and Man
of the Faculty of Biology, Geography, and Geology of the
University of Sofia, Sofia.

SADIKARIO, A.; KOTEVSKA, R.; DONEVA, V.; ZDRAVEVA, M.

Some clinical and evolutionary aspects of nephrotic syndrome
in children. God. zborn. med. fak. Skopje 11:189-199 '64.

1. Klinika za detski bolesi pri medicinskiot fakultet vo
Skopje (upravitel: prof. d-r. Hristo Duma).

ORUSEV, Trajko, dr.; DONEVA, Vaska, dr.

The frequency and characteristics of endemic goiter in Kocani.
Med. glasnik. 14 no.12:564-566 D '60.

1. Dom narodnog zdravlja u Kocanima (Upravnik: dr T. Orusev).

(GOITER epidemiol)

ORUSEV, T.; DONEVA, V.

The frequency and characteristics of endemic goiter in some villages
of Osogovo. Higijena 13 no.2:156-162 '61.

(GOITER statist)

STRALA-DELIDZAKOVA, M.; DONEVA, V.

Remote prognosis of children surviving tuberculous meningitis.
Tuberkuloza 15 no.1:94-97 Ja. Mr '63.

1. Klinika za deoje bolesti Medicinskog fakulteta, Skopje.
(TUBERCULOSIS, MENINGEAL)
(TUBERCULOSIS IN CHILDHOOD)
(PROGNOSIS)

S

DONGARYAN, Sh.S.

Construction of oil fields in the Tatar A.S.S.R. Stroi.
truboprov. 9 no.4:6-10 Ap '64.

(MIRA 17:9)

1. Nachal'nik kombinata Tatneftestroy (Al'net'jevsk).

DONGARYAN, Sh.S.

Ways to reduce the cost of oil field construction. Stroi. trub.
9 no.7:25-27 J1 '64. (MIRA 17:11)

1. Kombinat Tatneftestroy, Al'met'yevsk.

DONGOROZI, C.

A chemist studies inframicrobiology.

P. 353 (REVISTA DE CHIMIE) (Bucuresti, Rumania) Vol. 8, no. 5. May 1957

SO: Monthly Index of East European Accessions (EEAI) LC Vol. 7, No. 5. 1958

Card
DONGINDOO, E., ~~M. Sc.~~ ~~Ph.D.~~ ~~Sc.D.~~ — (class) "The condition of the digestive processes
of cows in connection with their milking." Moscow, 1957. 15 pp (Moscow ^{in N.Y.} Lomonosov
State Inst. ^{of} Dept Animal Physiology, Faculty of Soil Biology) (KL, no 39, 1957)
75

DONGOROZI, S.

Optical Isomerism in Hydrating. Revista De Chimie (Journal of Chemistry),
#1:30:Jan 55

DONGOROZI, S.

The Unitary Theory of Iso- and Heteropolyacids. Revista De Chimie (Journal of Chemistry), #3:142:Mar 55

✓Optical isomery of hydration. S. Donoşiori. *Rev. chim.*
(Bucharest) 6, 30-2(1955).—In concn. solutions of phosphoric, arsenic, and boric acids reactions of the following type take place: $H_3[PO_4] + 2H_2O \rightleftharpoons H_3[PO_4(H_2O)_2]$. By coordination of H_2O mols. around the O-contg. radical, chelate rings are formed, which tend to weaken the bond between the radical and the H ions. This causes the increase of the disocn. const. of these acids with increasing concn. The carbonate ion is hydrated in concd. soln. in a similar manner, forming $[CO_3(H_2O)_3]^{2-}$. This triply hydrated carbonate ion exists in 2 incongruent stereochem. modifications, corresponding to optical isomers. E. V.

RUM

61

The unitary theory of isopoly acids.
Dunoi, Rev. chim. (Bucharest) 6, 111-118 (1965). -- The
isopoly acid system (C. I. 2, 2346) is inadequate. In D's
theory the isopoly acid anions consist of oxidized acid
radicals coordinated around a central O ion, $[O]^{2-}$, or
have a cyclic structure $[R]^{2-}$. 103 reference.

Gary Gerard

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DONGOROZI, S.

Category : RUMANIA/Solid State Physics - Morphology of Crystals. E-7
Crystallization

Abs Jour : Ref Zhur - Fizika, No 3, 1957, No 6701

Author : Dongorozi, S.

Title : Asymmetrical Crystallization

Orig Pub : Rev. chim., 1956, 7, No 8, 480

Abstract : An explanation is offered for the fact that certain hetero-
polysols separate out from the aqueous solutions in the form
of right-hand rotation crystals.

Card : 1/1

7
Preparation of *p*-hydroxypropionophenone. S. Lagerstedt (*Repts. Chim. Scand.*, 1937, 4, 357-364). In the first method considered phenyl propionate is prepared initially from phenol, propionic acid and thionyl chloride. The phenyl propionate then undergoes a Fries rearrangement in presence of $AlCl_3$, forming *p*-hydroxy propionophenone (1) as well as the *o*-isomer. In the second method 1 is prepared directly from phenol and propionic acid in presence of BF_3 . The respective yields of the methods are 46 and 28%, and the second method is by far the more convenient. (10 references.)
E. W. WITT

J

W

DONHAISEROWA, Maria; KOWACKI, Stanislaw

Difficulties in diagnosis of leptospirosis. Przegł. epidem., Warsz.
8 no.4:291-296 1954.

1. Z Kliniki Chorob Zakaźnych Akademii Medycznej w Krakowie.
Kierownik: prof. dr J. Konrzejewski.
(WEIL'S DISEASE, differential diagnosis.)

DONHAISEROWA, Maria; TOMASIK, Witold

Evaluation of rectoscopy and bacteriological examinations of feces in the diagnosis of acute and chronic dysentery during 1955-1958. Przegl. epidem. 14 no.3:285-287 '60.

1. Z Kliniki Chorob Zakaznych A.M. w Krakowie Kierownik: Prof. Dr Jozef Kostrzewski [deceased]
(DYSENTERY BACILLARY diag)

ILLEI, Gyorgy; DONHOFFER, Agnes

Effect of norandrostenedione phenylpropionate on the gonadotropic activity of the pituitary in castrated rats. Kiserl. orvostud. 14 no.2:191-193 Ap '62.

1. Pecsí Orvostudományi Egyetem Szülészeti és Nőgyógyászati Klinikája és Szövet és Fejlődéstan Intézete.

(TESTOSTERONE rel cpds) (CASTRATION exper)
(GONADOTROPINS PITUITARY physiol)

ILLEI, G.; DONHOFFER, Agnes

The effect of anabolic steroids on the secretion of pituitary gonadotropins. Acta physiol. acad. sci. hung. 22 no.2:189-194 '62.

1. Department of Obstetrics and Gynaecology and Institute of Anatomy,
Medical University, Pecs.
(ANDROGENS) (GONADOTROPINS, PITUITARY)

DONHOFFER, Hilda; LISSAK, E.

EFG changes associated with the elaboration of conditioned reflexes.
Acta physiol. acad. sci. hung. 21 no.3:249-255 '62.

1. Institute of Physiology, Medical University, Pecs.
(REFLEX, CONDITIONED)

FANARDJIAN, V.V.; DONHOFFER, Hilda

An electrophysiological study of cerebello-hippocampal relationship in the unrestrained cat. Acta physiol. acad. sci. Hung. 24 no.3:321-333 '64.

1. Institute of Physiology L.A.Orbeli, Armenian Academy of Sciences, Yerevan, USSR, and Institute of Physiology, University Medical School, Pecs.

*

HUNGARY

DONHOFFER, Hilda, Institute of Physiology at the Medical University
(Orvostudományi Egyetem Elektrológiai Intézete) in Pécs.

"The Role of the Cerebellum in the Instrumental Conditional Reflex"

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Vol 29,
No 3-4, 8 Jun 1966, pp 247-251.

Abstract: [English article] Unrestrained adult cats with implanted cerebellar and neocortical electrodes were used in the investigation designed to establish whether electrical stimulation of the cerebellum in an instrumental conditional reflex situation could become a conditioned signal. It was found that electrical stimulation of the cerebellum below the threshold to elicit movement failed to act as a conditional signal. The factors responsible for this negative finding were discussed. It was judged that lack of visible movement does not mean a complete absence of proprioception; it is also possible that secondary effects intervened in the tests. 8 references, including 1 Rumanian and 7 Western. (Manuscript received 15 Jun 1965).

1/1

BALOGH, I.;BAKKA, I.;DONHOFFER, S.;JILLY, P.;MESTYAN, G.

The acute action of antithyroid agents on the body temperature and O₂ consumption of the rat; and analysis of its mechanism. Acta physiol. hung. 2 no.3-4:343-362 1951. (CML 22:1)

1. Of the Institute of Pathophysiology of Pecs University.

AMIK, I.; DONHOFFER, S.; MORING, I.; SZENTES, J.

~~as follows~~
The effect of starvation on food intake and selection. Acta physiol.
hung. 2 no.3-4:363-368 1951. (GML 22:1)

1. Of the Institute of Pathophysiology of Pecs University.

BALOGH, L.; DONHOFFER, S.; MESTYAN, G.; PAP, T.; TOTH, I.

~~RESTRICTED INFORMATION~~

The effect of environmental temperature on the O_2 -consumption and body temperature of rats under the acute action of some drugs affecting energy exchange and body temperature. Acta physiol. hung. 3 no.2:367-375 1952. (CIWL 24:3)

1. Of the Institute of Patho-Physiology of Pecs University.

BALOGH, L.; ~~DONHOVNER, S.~~; MESTYAN, G.; TOTH, I.

The response of O₂-consumption of throidectomized, hypophysectomized and methylthiouracil treated rats to high environmental temperatures and the action of thyroxine thereon. Acta physiol. hung. 3 no.2:395-403 1952. (GLML 24:3)

1. Of the Institute of Patho-Physiology of Pecs University.

DONHOFFER, S.;NESTYAN, G.P.;OBRINCZAK, B.;PAP, T.;TOTH, I.

Acute effect of physiological thyroxin on the reactions of energy metabolism at high temperature in thyroidectomized, hypophysectomized and with methylthiouracil treated rats. Kiserletes orvostud. 4 no. 6: 405-409 Dec 1952. (CML 24:1)

1. Pathophysiology Institute, Pecs Medical University.

DONHOFFER, S.; MESTYAN, G.; OSZDORNAK, P. P.; PAP, T.; TOTTH, I.

The mechanism of the rise in O₂-consumption in hyperthermia. Acta
physiol. hung. 4 no.1-2:63-69 1953. (CML 25:1)

1. Of the Institute of Pathophysiology of Pecs University.

... 248 Immediate action of treatment ...
... 249 ... hypopharynx ...

HUNGARY / Human and Animal Physiology. Thermoregulation. T

Abs Jour: Ref Zhur-Biol., No 9, 1958, 41098.

Author : Mestyan, G.; Mess, B.; Szegvari, G.; Donhoffer, S.

Inst : Hungarian Academy of Sciences. (PÉCSI ORVOSTUDOMÁNYI EGYETEM

Title : The Effect of Hypothalamus Disturbances on Basal Metabolism and Body Temperature. (KÖRLELETANI ÉRTÉKELÉS)

Orig Pub: Magyar tud. akad. biol. es orv. tud. oszt. kozl., 1957, 8, No 3, 217-228.

Abstract: No Abstract.

Card 1/1

DONHOFFER, Sz
DONHOFFER, Sz.; SZEGVARI, Gy.; VARGA-NAGY, I.; JARAI, I.; HAUG-IASZIO, A.

Dynamics of chemical thermoregulation in rats. Acta physiol. hung. 13
no.1:37-56 1957.

1. Pathophysiologisches Institut der Medizinischen Universität, Pecs.
(BODY TEMPERATURE
thermoregulation, chem., dynamics in rats (Ger))

Donhoffler Sz.
EXCERPTA MEDICA Sec 2 Vol 12/3 Physiology Mar 59

1279. LOCALIZATION OF THE INCREASED HEAT PRODUCTION DURING CHEMICAL TEMPERATURE REGULATION - Uber die Lokalisation der erhöhten Wärmeproduktion bei der chemischen Wärmeregulation - Donhoffler Sz., Szegvári Gy., Varga-Nagy I. and Járαι I. Pathophysiol. Inst., Univ. Pécs - PFLÜGERS ARCH. GES. PHYSIOL. 1957, 265/2 (104-111) Graphs 4

Gas exchanges, intestinal temperature, temperature in the dorsal musculature, in many experiments the temperature of the s. c. tissues in the same region, and in some cases also the temperature between the lobes of the liver, were measured in rats lightly anaesthetized with urethan, under conditions of controlled environmental temperature. In a cool environment, the temperatures of the intestine and the liver rise synchronously with saltations in heat production, while muscle temperature at first remains unchanged, or even decreases. Upon cessation of increased heat production, intestinal temperature falls immediately; muscle temperature at first remains unchanged, or may even continue to rise, and falls only later. These experiments are considered to demonstrate the existence of a chemical temperature regulation in the strict sense, and also show that the musculature is by no means the only, and, under the conditions of these experiments, not even the leading source of increased heat production.

Danielson - Charleston, S. C.

DONHOFFER, Sz.

ANDIK, I.; BANK, J.; DONHOFFER, Sz.

The role of the physiological variations of the blood sugar in the regulation of food intake. Acta physiol. hung. 13 no.2:125-130 1958.

1. Pathophysiologisches institut der medizinischen universitat, Pecs.

(BLOOD SUGAR

disproof for regulating eff. of physiol. variations in blood sugar on food intake in rats (Ger))

(FOOD

intake, disproof for regulating eff. of physiol. variations in blood sugar in rats (Ger))

~~DONHOFFER~~, Ss.; VARNAI, I.; SZINBERTH-HORVATH, M.

The immediate action of thyroxine derivatives on O₂-consumption and body temperature in intact, hypophysectomized and thyroidectomized rats. Acta physiol. hung. 14 no.1:61-78 1958.

1. Institute of Pathophysiology, Medical University, Pecs.

(THYROXIN, related cpds.

eff. on oxygen consumption & body temperature in intact, hypophysectomized & thyroidectomized rats)

(RESPIRATION, eff. of drugs on

thyroxin deriv. on oxygen consumption in intact, hypophysectomized & thyroidectomized rats)

(BODY TEMPERATURE, eff. of drugs on

thyroxin deriv. in intact, hypophysectomized & thyroidectomized rats)

(HYPOPHYSECTOMY, exper.

eff. of thyroxin deriv. on oxygen consumption & body temperature in hypophysectomized rats)

(THYROID GLAND, physiol.

eff. of thyroxin deriv. on oxygen consumption & body temperature in thyroidectomized rats)

DONHOFFER, Sz.; VARNAI, I.; SZIMBERTH-HORVATH, E.

Immediate action of triiodothyronine on O_2 -consumption and body temperature in the hypophysectomized and the thyroidectomized rat; the effect of adrenocorticotrophin and cortisone. Acta physiol. hung. 14 no.3:265-271 1958.

1. Institute of Pathophysiology, Medical University, Pecs.

(TRIIODOTHYRONINE, eff.

on body temperature and oxygen consumption in hypophysectomized rats, eff. of ACTH & cortisone)

(BODY TEMPERATURE, eff. of drugs on

triiodothyronine in hypophysectomized & thyroidectomized rats, eff. of ACTH & cortisone)

(OXYGEN, metab.

eff. of triiodothyronine on consumption in hypophysectomized & thyroidectomized rats, eff. of ACTH & cortisone)

MESTYAN, Gy.; MESS, B.; SZEGVARI, Gy.; DONHOFFER, Sz.

The behavior of metabolism and body temperature of rats in cold environment following bilateral hypothalamus lesions. Acta physiol. hung. 14 no.3:273-286 1958.

1. Pathophysiologisches Institut der Universitat, Pecs.

(COLD, eff.

on body temperature & oxygen consumption in rats following bilateral hypothalamus lesions (Ger))

(BODY TEMPERATURE

eff. of cold in rats following bilateral hypothalamus lesions (Ger))

(OXYGEN, metab.

eff. of cold on consumption in rats following bilateral hypothalamus lesions (Ger))

(HYPOTHALAMUS, physiol.

eff. of cold on body temperature & Oxygen consumption in rats following bilateral hypothalamus lesions (Ger))

EXCER. T. MEDIC: Sec 3 Vol 13/11 Endocrinology Nov 59

2237. ROLE OF THE ADRENAL IN THE ACUTE EFFECT OF TRIIODOTHYRO-
ACETIC ACID ON O₂ CONSUMPTION AND BODY TEMPERATURE IN
HYPOPHYSECTOMIZED RATS - Über die Rolle der Nebenniere in der akuten
Wirkung der Trijodthyreoessigsäure auf den Energieumsatz und die Körper-
temperatur der hypophysektomierten Ratte - Donhoffner S., Várnai I.
and Szieberth-Horváth E. Pathophysiol. Inst., Univ. Pécs, Ungarn -
PFLÜG. ARCH. GES. PHYSIOL. 1958, 266/6 (642-652) Graphs 4 Tables 3

The absence of an acute effect of triac in intact animals, the occurrence of this
phenomenon in hypophysectomized animals and the irregular behaviour of thyroid-
ectomized rats are explained by changes in adrenal function. This hypothesis is
supported by experiments on triac administration to hypophysectomized animals
treated with ACTH or cortisone, and to adrenalectomized-thyroidectomized animals.

DONHOFFER, Sz.; MESTYAN, Gy.; SZEGVARI, Gy.; JARAI, I.

The thermoregulatory significance of hyperthermic metabolic acceleration; experiments on rats with lesions of the hypothalamus and epithalamus. Acta physiol. hung. 15 no.2:145-150 1959.

1. Pathophysiologisches Institut der Medizinischen Universitat, Pecs.

(HEAT, eff.

on body temperature in rats with & without increased metab. rate, eff. of lesions in epithalamus & hypothalamus (Ger))

(BODY TEMPERATURE, physiol.

eff. of heat on body temperature in rats with & without increased metab. rate, eff. of lesions of epithalamus & hypothalamus (Ger))

(METABOLISM

same)

(HYPOTHALAMUS, physiol.

eff. of lesions on influence of heat on body temperature in rats with & without increased metab. rate (Ger))

(DIENCEPHALON, physiol.

epithalamus, eff. of lesions on influence of heat on body temperature in rats with & without increased metab. rate(Ger))

DONHOFFER, Sz.; MESTYAN, Gy.; MESS, B.; SZEOVARI, Gy.; JARAI, I.

Effects of epithalamus lesions on metabolism and body temperature in the rat and their comparison with the behavior after lesions of the hypothalamus. Acta physiol. hung. 15 no.2:161-172, 1959.

1. Pathophysiologisches Institut der Medizinischen Universitat, Pecs.
 - (DIENCEPHALON, physiol.
 - epithalamus, eff. of lesions on metab. & body temperature in rats, comparison with eff. of hypothalamic lesions (Ger))
 - (HYPOTHALAMUS, physiol.
 - eff. of lesions on metab. & body temperature in rats, comparison with eff. of epithalamic lesions (Ger))
 - (BODY TEMPERATURE, physiol.
 - comparative eff. of epithalamic & hypothalamic lesions in rats (Ger))

EXCERPTA MEDICA Sec 3 Vol 14/4 Endocrinology Apr 60

772. THE EFFECT OF 3:5-DIIODOTYROSINE, TYROSINE AND INORGANIC IODINE ON OXYGEN CONSUMPTION AND BODY TEMPERATURE IN THE HYPOPHYSECTOMIZED RAT. INHIBITION OF THE ACTION OF DIIODOTYROSINE BY CORTISONE - Várnai I., Farkas M. and Donhoffer Sz. Inst. of Pathophysiol., Med. Univ., Pécs - ACTA PHYSIOL. ACAD. SCI. HUNG. 1959, 16/3 (197-201) Tables 2

The i. v. injection of 10 μ g. 3:5-diiodotyrosine into the hypophysectomized rat is followed by an increase in O_2 consumption, and less regularly by a rise in body temperature, within 3 hr. Pretreatment with cortisone abolished this effect. Tyrosine and inorganic iodine were ineffective.